

CLAIMS

What is claimed is:

1. A modular multi-configurable display system comprising:
a plurality of columns arranged in a series, each column including at least one elongated box frame, said at least one elongated box frame comprising:
at least four spaced apart elongate members, each having a pair of opposing ends;
and
a pair of opposing end webbing members, each end webbing member connecting the at least four elongate members proximate a separate one of the pair of opposing ends so as to define a substantially open parallelepiped and defining a length of each elongate member between the end webbing members, each of the pair of end webbing members including an end plate portion and a plurality of side portions integral with the end plate portion, each of the plurality of side portions positioned so as to span between and bridgingly support a separate pair of the at least four elongate members, the length of each elongate member defined between the end webbing members being substantially free from bracing; and
at least one pair of horizontal trusses connecting the columns, each horizontal truss including a pair of elongate frame segments, the at least one pair of horizontal trusses being spaced apart and defining at least one open graphic screen frame between adjacent columns.

2. The modular multi-configurable display system of claim 1, wherein the horizontal trusses are arcuate shaped, each including a pair of arcuate frame segments.
3. The modular multi-configurable display system of claim 1, wherein the horizontal trusses are linear, each linear truss including a pair of linear frame segments.
4. The modular multi-configurable display system of claim 1, wherein each column includes at least two stacked elongate box frames.
5. The modular multi-configurable display system of claim 1, wherein the at least one elongated box frame of each column has a pair of opposing ends, wherein each of the at least four elongate members defines an outside corner of the at least one elongated box frame, and further comprising at least one extension module selectively operably couplable with one of the pair of opposing ends of the at least one elongated box frame, the extension module comprising a hollow, sheet metal enclosure having at least four sides, the four sides intersecting at four outside corners, each of the four outside corners of the extension module aligned with a separate one of the outside corners of the elongated box frame when the extension module is coupled with the elongated box frame.
6. The modular multi-configurable display system of claim 5, wherein each column includes two elongated box frames, and wherein the extension module is operably coupled to each of the elongated box frames.

7. The modular multi-configurable display system of claim 5, wherein one of the pair of horizontal trusses is operably coupled to the extension module.
8. The modular multi-configurable display system of claim 5, wherein the extension module comprises a pair of u-shaped body portions.
9. The modular multi-configurable display system of claim 5, wherein the extension module is a cube.
10. The modular multi-configurable display system of claim 5, wherein the extension module is operably coupled with a tubular display system component.
11. The modular multi-configurable display system of claim 1, further comprising at least one shelf support member and means for attaching said at least one shelf support member to one of the plurality of columns.
12. The modular multi-configurable display system of claim 1, further comprising a screen and a screen mounting apparatus for removably mounting the screen in the at least one open graphic screen frame, the screen mounting apparatus comprising:
 - a frame clasp attachment portion removably securable to the horizontal trusses;
 - a screen material attachment portion adapted to fixedly receive an end portion of the screen such that substantially the entire length of the end portion of the screen is fixedly received; and

an elastic portion joining the frame clasp portion and the screen attachment portion such that appropriate force upon the screen attachment portion results in an appropriate resilient displacement of the apparatus.

13. The modular multi-configurable display system of claim 1, wherein the extension module has a plurality of central apertures and a plurality of corner apertures defined therein.

14. A modular multi-configurable display system comprising:

a pair of spaced apart elongated columnar structures, each including at least one elongate substantially open parallelepiped structure having a pair of opposing ends, the parallelepiped structure comprising a plurality of spaced apart elongate members operably coupled by a pair of spaced apart opposing end webbing members, each elongate member defining an outside corner of the parallelepiped structure;

at least one extension module selectively operably couplable with one of the pair of opposing ends of the at least one parallelepiped structure, wherein the extension module comprises a hollow, sheet metal enclosure having at least a top, a bottom, and four sides, the four sides intersecting at four outside corners, each of the four outside corners of the extension module aligned with a separate one of the outside corners of the parallelepiped structure when the extension module is coupled with the parallelepiped structure; and

a pair of spaced-apart horizontal trusses connecting the columnar structures, the pair of trusses and the pair of columnar structures defining an open graphic screen frame.

15. The modular multi-configurable display system of claim 14, wherein the horizontal trusses are arcuate shaped, each including a pair of arcuate frame segments.

16. The modular multi-configurable display system of claim 14, wherein the horizontal trusses are linear, each linear truss including a pair of linear frame segments.

17. The modular multi-configurable display system of claim 14, wherein each columnar structure includes at least two parallelepiped structures.

18. The modular multi-configurable display system of claim 14, wherein the extension module is a cube.

19. The modular multi-configurable display system of claim 18, wherein the extension module comprises a pair of u-shaped body portions.

20. The modular multi-configurable display system of claim 14, wherein the extension module has a plurality of central apertures and a plurality of corner apertures defined therein.

21. The modular multi-configurable display system of claim 14, wherein said end webbing members each have a plurality of cutout portions.

22. The modular multi-configurable display system of claim 14, wherein the outer surface of each elongate member is substantially free of bracing and webbing between the end webbing members.

23. The modular multi-configurable display system of claim 14, further comprising a screen and a screen mounting apparatus for removably mounting the screen in the open graphic screen frame, the screen mounting apparatus comprising:

a frame clasp attachment portion removably securable to the horizontal trusses;

a screen material attachment portion adapted to fixedly receive an end portion of the screen such that substantially the entire length of the end portion of the screen is fixedly received; and

an elastic portion joining the frame clasp attachment portion and the screen attachment portion such that appropriate force upon the screen attachment portion results in an appropriate resilient displacement of the apparatus.

24. A modular multi-configurable display system comprising:

a plurality of columns arranged in a serpentine pattern, each column having a top and a bottom and including a plurality of elongated box frames, each elongated box frame comprising a plurality of spaced apart parallel elongate frame segments, each segment having a pair of opposing ends, the frame segments connected by end webbing proximate each of the opposing ends defining a portion of each frame segment therebetween, the portion of each frame segment defined between the end webbings being free from bracing thereby presenting an unobstructed length adapted for attaching at least one appurtenance; and

a plurality of pairs of trusses, each pair of trusses arranged so as to connect each column to at least one adjacent column in the pattern, the trusses in each pair being spaced apart so as to define an open graphic screen frame between the adjacent columns for mounting and displaying a graphic screen.

25. The modular multi-configurable display system of claim 24, further comprising a screen and means for attaching the screen in the open graphic screen frame.

26. The modular multi-configurable display wall system of claim 24, further comprising at least one shelf support member and means for attaching the at least one shelf support member to one of the box frames.

27. The modular multi-configurable display system of claim 24, further comprising a plurality of extension modules, each selectively operably couplable with a separate one of the plurality of columns, each extension module comprising a hollow, sheet metal enclosure having at least four sides.

28. The modular multi-configurable display system of claim 27, wherein each extension module comprises a pair of u-shaped body portions.

29. The modular multi-configurable display system of claim 27, wherein each extension module is a cube.

30. The modular multi-configurable display system of claim 27, wherein at least one extension module is operably coupled with a tubular display system component.